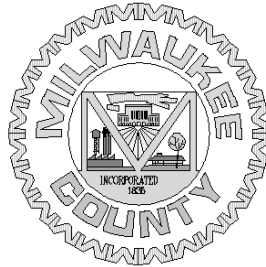


MILWAUKEE COUNTY



Department of Administrative Services

**Airport Engineering
Milwaukee Mitchell International Airport (MKE)
5300 South Howell Ave.
Milwaukee, Wisconsin 53207**

REQUEST FOR PROPOSAL FOR

**Construction Testing Materials - Taxiway M Realignment
(Taxiway A Extension)**

PROJECT NO. A299-20132

February 2021



To All Interested Consultants

Project : Construction Testing Materials - Taxiway M
Realignment (Taxiway A Extension)

Project No.: A299-20132

Subject : REQUEST FOR PROPOSAL (R.F.P.)

Milwaukee County Department of Administrative Services is requesting proposals for professional services for construction materials testing for the Taxiway M Realignment (Taxiway A Extension) project.

I. BACKGROUND

Milwaukee Mitchell International Airport (MKE) is a medium hub airport located in Milwaukee, WI. The project consists of the full removal and construction of Taxiway M in a new alignment parallel to runway 7R-25L. This project included substantial excavation, borrow embankment and grading, construction of storm sewer, underdrains, aggregate, concrete, asphalt, lighting and electrical, landscaping, pavement marking and jointing.

The proposed work is located at MKE at 5300 S Howell Avenue. Refer to Attachment 5 for location.

II. GENERAL PROJECT DESCRIPTION

The consultant will provide materials testing services to document whether the materials tested are in accordance with the Standard Specifications for Airport Construction and the project specifications.

See attached project drawings, specifications, and quantities.

III. SCOPE OF CONSULTANT SERVICES:

The successful consultant shall provide all services as specified per the standard terms and conditions of the Milwaukee County Department of Administrative Services Consultant Agreement for Professional Services (Type C) (See attachment for sample).

a. GENERAL REQUIREMENTS

- i. Materials testing includes, but may not be limited to the following items: (See project specifications for additional information)*
 - Excavation, Subgrade, and Embankment (P-152)
 - Compaction, density, and moisture testing.
 - Subbase Course (P-154)
 - Compaction, density, and moisture testing.
 - Crushed Aggregate Base Course (P-209)
 - Compaction, density and moisture testing.
 - Lean Concrete Base Course (P-306)
 - Air content, concrete cylinders for compressive strength, thickness with hardened cores provided by GC.

- Asphalt Mix Pavement Surface Course (P-403)
 - Specific gravity, air voids, thickness with hardened cores provided by GC.
- Cement Concrete Pavement (P-501)
 - Field testing (slump, air content, temperature), beams for flexural strength, thickness with hardened cores provided by GC.
- Concrete for Miscellaneous Structures (P-610)
 - Field testing (slump, air content, temperature) & concrete cylinders for compressive strength.
- Environmental Soil Testing
 - VOC and metals testing.
- ii. Reports must be reviewed and approved by a P.E. prior to submitting.
- iii. Reports must be finalized and submitted in a timely manner to Airport Engineering.
- iv. Consultant field technicians must successfully submit a background check and be badged with Airport Security. (See attachment for additional information)
 - The selected consultant shall coordinate with the contractor and engineer and be readily available when needed to ensure no delay to construction.

b. TASK ITEMS

Note: As a general contractor has not been selected, all testing days and quantities shown below are assumed and for general knowledge. More defined schedule and quantities will be provided during the scope and fee negotiation phase of the consultant contract.

- i. *Item P-152 Excavation, Subgrade and Embankment*
 - *Perform all tasks designated as RPR responsibilities for material acceptance in FAA Spec 152, including but not limited to:*
 - *Assume 45 days excavation, subgrading, embankment, testing for every 3,000 square yards.*
 - *50 Field density tests.*
 - *50 Standard Proctor tests.*
- ii. *Item P-154 Subbase Course*
 - *Perform all tasks designated as RPR responsibilities for material acceptance in FAA Spec 154-3.9, including but not limited to:*
 - *Assume 25 days subbase placing, each day consisting of at least 2 samples, consisting of 1,200 square yards.*
 - *70 Field depth measurements.*
 - *70 Field density tests.*
 - *70 Standard Proctor tests.*
- iii. *Item P-209 Crushed Aggregate Base Course*
 - *Perform all tasks designated as RPR responsibilities for material acceptance in FAA Spec 209-3.9, including but not limited to:*
 - *Assume 30 days base course placing, each day consisting of 1200 square yards.*
 - *105 Field depth measurements.*
 - *105 Field density tests.*
 - *105 Standard Proctor tests.*

- iv. *Item P-306 Lean Concrete Base Course*
 - *Perform all tasks designated as RPR responsibilities in FAA Spec 306-6 material acceptance, including but not limited to:*
 - *Assume 25 days paving, each day consist of approximately 1,200 square yards. (Field Lean Concrete Testing)*
 - *50 Compressive strength tests (Cylinder Testing).*
 - *50 Thickness measurement tests (Core Testing).*
- v. *Item P-403 Asphalt Mix Pavement Surface Course*
 - *Perform all tasks designated as RPR responsibilities in FAA Spec 403-6 material acceptance, including but not limited to:*
 - *Assume 8 days paving, each day consisting of 4 sublots and 1 lot. (Field Asphalt Mix Testing)*
 - *64 Plant air voids tests.*
 - *64 Field density tests.*
 - *64 Pavement thickness tests.*
- vi. *Item P-501 Cement Concrete Pavement*
 - *Perform all tasks designated as RPR responsibilities in FAA Spec 501-6 material acceptance, including but not limited to:*
 - *Assume 30 days paving, each day consisting of 1 lot and 3 sublots. (Field Cement Concrete Testing - Slump, Air Content, Unit Weight, Temperature, each subplot)*
 - *180 Pavement beams. (30 days x 3 sublots x 2 specimens)*
 - *90 Pavement thickness tests. (30 days x 3 sublots x 1 specimen)*
 - *Summary of results (PWL).*
- vii. *Item P-610 Concrete for Miscellaneous Structures*
 - *Perform all tasks designated as RPR responsibilities in FAA Spec 610-4 quality assurance, including but not limited to:*
 - *Assume 4 days of concrete placement. (Field Cement Concrete Testing - Slump, Air Content, Unit Weight, Temperature, compressive strength (cylinders).*
- viii. *Item Environmental Soil Testing*
 - *Perform all tasks designated to keep compliance with WDNR Low Hazard Waste permit, including but not limited to: (See attachment for additional information)*
 - *Testing for PAHs, lead and arsenic, every 1,00 cubic yards for the Spoil material.*

c. **DELIVERABLES**

- i. Test reports should be prepared daily when field work or sample testing is performed. These reports should be available for review as needed and the results made available to the Airport Engineering office.
- ii. A final comprehensive report should be reviewed by a P.E. and submitted to the Airport Engineering office at the end of the project.

IV. **QUALITY CONTROL**

- a. Milwaukee County reserves the right to request partial or full reimbursement from consultants for costs incurred as a result of errors and omissions in the services they are contracted to provide.

V. PROJECT SCHEDULE

- a. 02/17/2021 RFP issued
- b. 02/23/2021 Pre-Proposal Meeting
- c. 03/05/2021 Proposals Due
- d. 04/02/2021 Contract NTP
- e. 04/12/2021 Anticipated Construction Start - Phase I
- f. 11/01/2021 Anticipated Construction Completion - Phase I
- g. 12/01/2021 Report & Final 2021 Invoice Due for Phase I
- h. 04/11/2022 Anticipated Construction Start - Phase II
- i. 09/30/2022 Anticipated Construction Completion - Phase II
- j. 11/01/2022 Final Report & Final Invoice Due

VI. PRE-PROPOSAL MEETING

- a. There is an optional pre-proposal meeting on Tuesday February 23rd, 2021 at 10:30am in the Maitland Conference Room located in the Main Terminal. (Located before security in hallway behind Museum/USO) Masks are required. IMPORTANT: Please reserve a spot in advance by emailing: beucalano@mitchellairport.com by 12pm on 2/22/2021. If you do not reserve a spot, you will be permitted to attend only if space is available below room capacity. Virtual attendance via internet will be offered and encouraged. Login instructions will be provided when reserving a spot. Attendee questions and attendance sheets will be published as an addendum.

VII. RELATED WORK BY OTHERS

- a. General Contractor to provide Consultant with hardened cores for thickness testing.

VIII. SUBMISSION REQUIREMENTS:

The proposal shall conform to Milwaukee County's Proposal Preparation, Submission and Evaluation Guidelines (see Attachment 1). The proposal shall include the Consultant team member DBE status form (Attachment 2) and the following information:

- a. Cover Page: Include project number and name, project location, consultant's name, address, telephone number, e-mail address, proposal date, etc.
- b. Table of Contents: Include an identification of the material by section and page number.
- c. Letter of Transmittal: The name and description of the organization submitting the proposal briefly stating the proposer's understanding of the service to be provided.
- d. Description of the Organization: A description of the organization submitting the proposal. Include the name, size, legal status (corporation, partnership, etc.), professional registration/certification, major type of activity or areas of consulting.
- e. Description of the Organization's Experience: Include a list of similar projects that the consultant has participated with during the past five years. (At least three) Giving a brief description of each project, the consultant's participation, and a client contact reference and phone number.
- f. Description of Project Team/Resumes: Provide an organizational structure of the consultant's project team, including any subconsultants to be used for this project. Include the name of the Principal in Charge of this project along with the name, occupation and title of the Project Manager who will be in charge of this project.

- g. Sub-Consultants: Indicate the names and addresses of any sub-consultants and/or associates proposed to be used in this project. State the capacity they would be used in and the approximate percentage of the total services they would provide. Also state their past experience in the field.
- h. Project Approach: Provide a description of challenges you anticipate in this project and how you propose to overcome them. Discuss how you plan to staff the project to efficiently complete the work effort.
- i. Project Schedule to Completion: Provide a timetable and relationship of tasks which are necessary to complete this project as noted in the "Project Schedule" section of this RFP.
- j. Constant Effort: Include a spreadsheet/matrix listing the names, classifications, hourly rates and hours to be spent by each required task to complete the project as described in this RFP.
- k. DBE Firm Goals: The Disadvantaged Business Enterprise participation goal for this project/contract is 17%.
 - i. Compliance reporting is accomplished from collection of data in the Diversity Management and Compliance System, utilizing B2GNow software. Prime contractors are required to report payments received from the County and amounts paid to subcontractors in the system. Subcontractors will receive an automated email requesting them to confirm the amounts and whether the terms of the prompt payments policy were followed. There is no cost to the Prime or any subcontractor, the only requirement is to become a registered user and complete the one-hour webinar training.
 - ii. Contact the Community Business Development Partners Office at 414-278-4747 or cbdp@milwaukeecountywi.gov for questions related to DBE requirements.
- l. Quality Control: Submit a contract document quality control plan. Quality control is to be performed by individuals not assigned to the project on an ongoing basis.

IX. **CONSULTANT SELECTION**

- a. Proposers must recognize this is not a bid procedure, and a Professional Services agreement will not be awarded on the basis of the low fee proposal. Milwaukee County reserves the right to accept or reject any and all proposals, issue addenda, request clarification, waive technicalities, alter the nature and/or scope of the proposed project, request additional submittals, and/or discontinue this process.

The proposal evaluation team will be made up of three to five individuals with technical knowledge of the requirements and familiarity with the project. Depending on the number and quality of the proposals, Milwaukee County may decide to conduct interviews of a short-list of consultants. The evaluation team may select up to three consultants to attend an interview, which, if required, will be held during the weeks of February 22 & March 1. The interview will be evaluated based on project team, experience and qualifications, project understanding, and the overall presentation.

The project manager will post this RFP, as well as any addendums and other information related to this project to the Milwaukee County Construction RFP website:

<http://county.milwaukee.gov/ConstructionBidsandR23075.htm>

The consultant should consider information on this website to be part of the official RFP. Please check the site frequently. To allow time for proposal preparation, Milwaukee County will not post anything new within two days of the proposal due date.

X. GENERAL REQUIREMENTS

- a. Selected consultant shall follow Milwaukee County Code of Ethics as follows: No person(s) with a personal financial interest in the approval or denial of a Contract being considered by a County department or with an agency funded and regulated by a County department, may make a campaign contribution to any County official who has approval authority over that Contract during its consideration. Contract consideration shall begin when a Contract is submitted directly to a County department or to an agency until the Contract has reached final disposition, including adoption, County Executive action, proceeding on veto (if necessary) or departmental approval.
- b. The selected consultant must be an Equal Opportunity Employer.
- c. The proposal shall conform with all attached documents. All proposals should use this RFP and its attachments as the sole basis for the proposal. The issuance of a written addendum is the only official method through which interpretation, clarification or additional information will be given.
- d. All costs for preparing a proposal, attending the selection interview if required, or supplying additional information requested by Milwaukee County, is the sole responsibility of the submitting party. Material submitted will not be returned.
- e. The proposal must be submitted in a single bound 8-1/2" x 11" document or be submitted via email printable on 8-1/2" x 11" paper.
- f. With the signing and submission of a statement or proposal the submitting consultant certifies that the standard terms and conditions of the Agreement for Professional Services (that will be used to contract with the selected consultant) has been read and understood and that the submitting consultant is ready, willing and able to sign the agreement when requested without making any substantive changes.

Submit four copies of the proposal, sealed in an envelope or equivalent, no later than March 5th by 2:00 p.m.

The proposals shall be addressed and submitted to:

Ryan Donnelly - Engineer
Milwaukee Mitchell International Airport (MKE)
5300 S. Howell Avenue
Administration Office room A260
Milwaukee, WI 53207

Or by email: rdonnelly@mitchellairport.com

Proposals submitted by telephone or fax will be rejected.

Please direct questions about this RFP to Ryan Donnelly at 414-747-5722 or rdonnelly@mitchellairport.com.

Sincerely,

Ryan Donnelly - Project Manager

Attachments:

1. Proposal Preparation, Submission and Evaluation
2. Consultant Team Member DBE Status Form
3. DBE Reference Forms
4. Sample Consulting Contract
5. Project Plans
6. Pertinent Project Specifications
 - Airport Safety
 - C-110 Contractor Quality Control Program (CQCP)
 - P-152 Excavation, Subgrade and Embankment
 - P-154 Subbase Course
 - P-209 Crushed Aggregate Base Course
 - P-306 Lean Concrete Base Course
 - P-403 Asphalt Mix Pavement Surface Course
 - P-501 Cement Concrete Pavement
 - P-610 Concrete for Miscellaneous Structures
 - Environmental Oversight and Testing During Construction